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Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 2

Complete if Known				
Application Number	10/601,603	***************************************		
Filing Date	June 23, 2003			
First Named Inventor	Majed M. Al Hamrani			
Art Unit	2857			
Examiner Name	UNASSIGNED			
Attorney Docket Number	004159.003008			

			U. S. PATEN	DOCUMENTS	,
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (N Anown)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
160		<sup>US-</sup> 3,936,722		Goto, et al	
1		<sup>US-</sup> 4,982,174		Lauw	
		US- 5,321,308		Johncock	
		<sup>US-</sup> 5,440,222		Tanaka, et al	
		<sup>US-</sup> 5,483,147		Ilic, et al	
		<sup>US-</sup> 6,208,120		Gibbs	
		us- 6,232,751		Farr, et al	
1/		us- 6,265,852		Kitamura, et al	
V		<sup>US-</sup> 6,329,773		Xia, et al	
(0)		<sup>US-</sup> 6,323,618		Xia, et al	/.
		US-			
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages			
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Substitute for form 1449/PTO		Complete if Known					
Subsuit	tte for form 1443/F10			Application Number	10/601,603		
INF	ORMATION	DIS	CLOSURE	Filing Date	June 23, 2003		
STA	STATEMENT BY APPLICANT			First Named Inventor	Majed M. Al Hamrani		
	(II	4		Art Unit	2857		
(Use as many sheets as necessary)			ecessary)	Examiner Name	UNASSIGNED		
Sheet	2	of	2	Attorney Docket Number	004159.003008		

	,	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
POT		MAJED M. AL HAMRANI, Reactive Power Optimization Using Adaptive Excitation Control of Synchronous Motors, Thesis, June 25, 2002, Oregon State University	
port.		KEVIN D. BECKER, Power Factor Correction With Synchronous Machines, EC&M, December, 1993, pp. 47-48, 50, 52. and 56-57	
por		M. M. AL-HAMRANI, A. VON JOUANNE, A. WALLACE, Power Factor Correction in Industrial Facilities Using Adaptive Excitation Control of Synchronous Machines, IEEE, June 17, 2002,	
୧୦୦		STANLEY R. SHILLING, P.E., Programmable Logic Controller for Synchronous Motors, Saudi Aramco Engineering Report – SAER-5612, June 1994, Dhahran	
pm		LIU NIAN; TENG FUSHENG, The New Intelligent Monitoring Method for Operating States of Large Generator Units, IEEE Power Engineering Society Winter Meeting, Vol.1, Jan 2000, pp	
for		MONTERO, L.R.R., Monitoring and Control System Based on Microcomputer for Synchronous Generator, IEEE Transations on Energy Conversion, Vol14, No.4, December 1999	
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